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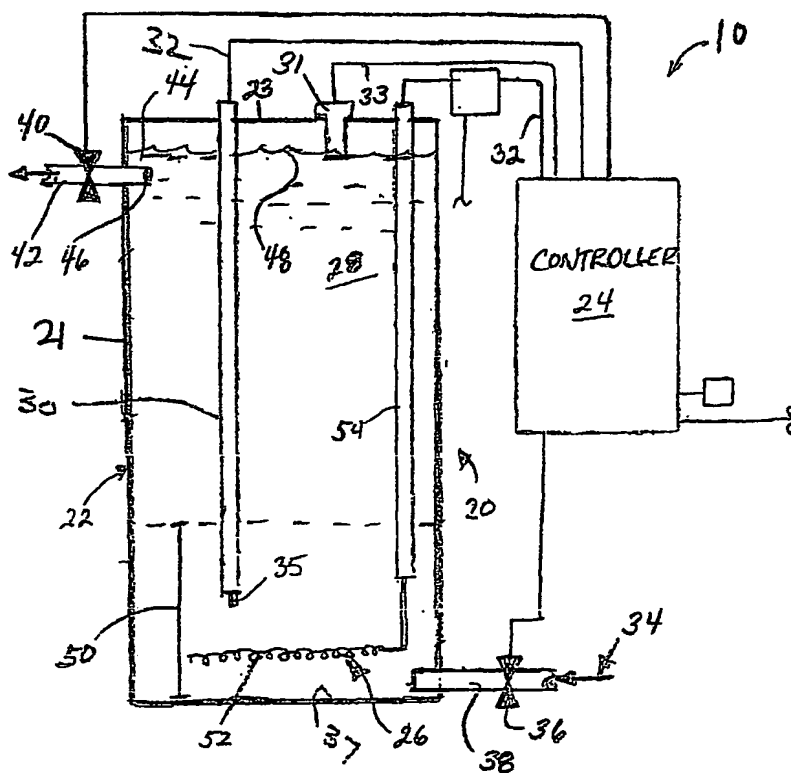
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60/523,177 18 November 2003 (18.11.2003) US</p> <p>(71) Applicant (for all designated States except US):
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P.O. Box 2786, Chicago, IL 60690-2786 (US).</p> | <p>(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.</p> <p>(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published:
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- (54) Title: SYSTEM, METHOD AND APPARATUS FOR HEATING WATER**



(57) Abstract: Disclosed are a water heating system, a method of heating water and a water heating apparatus for use in providing successive volumes of heated water at a generally consistent temperature. In one aspect of the disclosure, a water heating system includes a reservoir (22) for containing water (28), the reservoir having an inlet zone (50) comprising a lower portion of the reservoir and an outlet zone comprising an upper portion of the reservoir. A water inlet (38) is provided in fluid communication with a source (34) of water and the inlet zone. A heater (26) is positioned within the inlet zone is coupled to the reservoir. A temperature sensor (30) is positioned within the inlet zone, and a water outlet (46) is provided in fluid communication with the outlet zone. A controller (24) is coupled to the heater and the temperature sensor, the controller using information from the temperature sensor to controllably operate the heater to generally maintain a desired temperature within the reservoir.



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